

A NEW SPECIES OF *SPANGBERGIELLA* FROM PANAMA (HOMOPTERA: CICADELLIDAE: DELTOCEPHALINAE)^{1, 2}

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ABSTRACT: A new species of *Spangbergiella* is described from Panama. This species closely resembles *S. mexicana*, but is smaller and the male aedeagus has longer apical processes.

A new species of *Spangbergiella* is described from Panama. Ma (1988) revised the genus *Spangbergiella* and included five valid species for the New World. Hamilton (2000) reviewed the genus again, reinstating one species that Ma had placed in synonymy but synonymizing one other species ending up also with five valid species. Neither worker listed or mentioned any specimens from Panama for the genus. I have examined one series of Panama specimens and found that these specimens represent an additional species, which is described at this time.

Spangbergiella abdita, NEW SPECIES

(Figs. 3-4)

Length of male 4.4 - 4.5mm., female 5.0mm. General color the same as *mexicana*, but with the reddish orange stripes on the forewings of both sexes narrower.

Male genitalia: Aedeagus (figs. 3 and 4) with shaft bent dorsally from base and narrowing to apex, with three apical processes. Lateral processes strongly divergent (forming obtuse angle in posterior view), longer than medial process, all narrow throughout and pointed. Remainder of genitalia similar to *mexicana*.

Holotype male from Panama, Pan., Los Cumbres, 16 Jan. 1975, at night, light, O'Brien and H. Wolda. Paratypes - female same data as holotype; male same data except 8 Jan. 1975, W. Wolda.

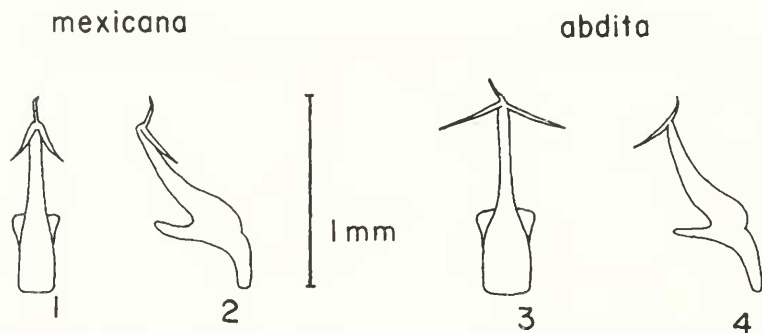
Holotype and female paratype deposited in the Ohio State University Collection, and the male paratype in the University of Kentucky Collection.

Notes: This species is similar to *mexicana* but smaller in size, and with the reddish bands on the forewings narrower than in *mexicana* (0.1mm in *abdita* and 0.15-0.2mm in *mexicana*). The processes of the aedeagus are not the same length as in *mexicana*, or thicker near the base of each lateral process (figs. 1 and 2). Some specimens of *mexicana*, from Mexico, have the reddish bands narrow as in this new species, but they are normally much wider. The male genitalia should be looked at to be sure of one's identification. So far this

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Figures 1 and 2, *Spangbergiella mexicana* Baker; Figures 3 and 4, *S. abdita* n. sp. Fig. 1, 3, ventral view of aedeagus. Fig. 2, 4, lateral view of aedeagus. All drawn to the same scale.

species is only known from Panama, and all specimens from Costa Rica north to the United States have been *mexicana*.

ACKNOWLEDGMENTS

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